Claims

1. A cosmetic and personal care preparation comprising

(a) from 0.0001 to 90 % by weight of a gloss pigment comprising

(a1) a core consisting of a substantially transparent or metallically reflecting material, and

(a2) at least one coating substantially consisting of one or more silicon oxides, the molar ratio of oxygen to silicon being on average from 0.03 to 0.95, and

(b) from 10 to 99.9999 % of a cosmetically suitable carrier material, based on the total weight of the cosmetic preparation or formulation.

2. A preparation according to claim 1, wherein the core consists of a metallically reflecting material selected from Ag, Al, Au, Cu, Cr, Ge, Mo, Ni, Si, Ti, Zn, alloys thereof, graphite, Fe_2O_3 and MoS_2.

3. A preparation according to claim 1, wherein the core consists of a transparent material selected from mica, SiO_z, in particular SiO_2 and SiO_z/TiO_2 mixtures, in particular SiO_2/TiO_2 mixtures, wherein $0.95 < z \leq 2.0$, especially $1.4 \leq z \leq 2.0$.

4. A preparation according to either claim 2 or claim 3, wherein the gloss pigment has the following layer structure: $SiO_x/SiO_z/SiO_x$, $SiO_z/SiO_x/SiO_z/SiO_x/SiO_z$, $SiO_x/Al/SiO_x$, $SiO_z/SiO_x/Al/SiO_x/SiO_z$, $TiO_2/SiO_z/SiO_x/SiO_z/SiO_x/SiO_z/TiO_2$ or $TiO_2/SiO_z/SiO_x/Al/SiO_x/SiO_z/TiO_2$, wherein x is from 0.03 to 0.95 and $0.95 < z \leq 2.0$, especially $1.4 \leq z \leq 2.0$.

5. A preparation according to claim 4, wherein the gloss pigment has the following layer structure: $SiO_2/SiO_x/SiO_z/SiO_x/SiO_2$ or $TiO_2/SiO_2/SiO_x/SiO_z/SiO_x/SiO_2/TiO_2$, wherein x is from 0.03 to 0.90, preferably from 0.05 to 0.5 and $0.95 < z \leq 2.0$, especially $1.4 \leq z \leq 2.0$.

6. A pigment comprising

(a1) a core consisting of SiO_z with $0.95 < z \leq 2.0$, in particular $1.4 \leq z \leq 2.0$, and

(a2) at least one coating substantially consisting of one or more silicon oxides, the molar ratio of oxygen to silicon being on average from 0.03 to 0.95.

7. A pigment according to claim 6, wherein the pigment has the following layer structure:

(a3) optionally a SiO_2 coating,
(a2) a coating substantially consisting of one or more silicon oxides, the molar ratio of oxygen to silicon being on average from 0.03 to 0.95,
(a1) a core consisting of SiO_z with $0.95 < z \leq 2.0$, in particular $1.4 \leq z \leq 2.0$, and
(a2) a coating substantially consisting of one or more silicon oxides, the molar ratio of oxygen to silicon being on average from 0.03 to 0.95, and
(a3) optionally a SiO_2 coating.

8. A pigment according to claim 7 having the following layer structure:

$SiO_x/SiO_z/SiO_x$,

$SiO_z/SiO_x/SiO_z/SiO_x/SiO_z$ or

$TiO_2/SiO_z/SiO_x/SiO_z/SiO_x/SiO_z/TiO_2$,

wherein x is from 0.03 to 0.95, especially from 0.05 to 0.50, and $0.95 < z \leq 2.0$, especially $1.4 \leq z \leq 2.0$.

9. A pigment comprising
(a) a core consisting of a metallically reflecting material, and
(b) at least one coating substantially consisting of one or more silicon oxides, the molar ratio of oxygen to silicon being on average from 0.03 to 0.24.

10. A pigment according to claim 9 having the following layer structure:

$SiO_z/SiO_{x1}/Al/SiO_{x1}/SiO_z$, or

$TiO_2/SiO_z/SiO_{x1}/Al/SiO_{x1}/SiO_z/TiO_2$,

wherein z is from 0.95 to 2.0, preferably $1.4 \leq z \leq 2.0$ and x is from 0.03 to 0.24.

11. A pigment having the following layer structure:
(a3) a SiO_z coating with $0.95 < z \leq 1.95$, in particular $1.40 \leq z \leq 1.80$,
(a2) a coating substantially consisting of one or more silicon oxides, the molar ratio of oxygen to silicon being on average from 0.03 to 0.95,
(a1) a core consisting of a metallically reflecting material, especially aluminum, and
(a2) a coating substantially consisting of one or more silicon oxides, the molar ratio of oxygen to silicon being on average from 0.03 to 0.95, and
(a3) a SiO_z coating with $0.95 < z \leq 1.95$, in particular $1.40 \leq z \leq 1.80$.

12. A pigment according to claim 11, having the following layer structure:

$SiO_{z1}/SiO_x/Al/SiO_x/SiO_{z1}$, or

$TiO_2/SiO_{z1}/SiO_x/Al/SiO_x/SiO_{z1}/TiO_2$, wherein

$0.95 < z1 \leq 1.95$, preferably $1.4 \leq z1 \leq 1.8$ and x is from 0.03 to 0.95.

13. A composition comprising a high molecular weight organic material and from 0.01 to 80 % by weight, preferably from 0.1 to 30 % by weight, based on the high molecular weight organic material, of a pigment according to any of claims 6 to 12.